

Checklist of Dermestidae of Hungary (Coleoptera)

O. MERKL¹ & J. HÁVA²

¹Department of Zoology, Hungarian Natural History Museum,
H-1088 Budapest, Baross u. 13, Hungary. E-mail: merkl@zoo.zoo.nhmus.hu

²Private Entomological Laboratory & Collection,
Únětice u Prahy 37, CZ-252 62 Praha-západ, Czech Republic.
E-mail: jh.dermestidae@volny.cz

Abstract – First records of three species of Dermestidae, *Anthrenus signatus* ERICHSON, 1846, *Attagenus silvaticus* ZHANTIEV, 1976 and *Globicornis picta* (KÜSTER, 1851) for the fauna of Hungary are given. *Attagenus silvaticus* is new to Ukraine as well. A checklist of the Dermestidae of Hungary (49 species) is presented.

Key words – Coleoptera, Dermestidae, checklist, Hungary, Ukraine.

INTRODUCTION

KUTHY (1897) in his volume on Coleoptera in the series *Fauna Regni Hungariae* mentioned 35 species of the family Dermestidae known to occur in Hungary, but some of his records refer to former Hungarian regions now belonging to Slovakia, the Ukraine, Romania and Croatia. Since then no comprehensive list of the Hungarian members of this family were published, although further records can be found scattered in a few papers (CSIKI 1906, JÁVOR 1969, KASZAB & SZÉKESSY 1950, KALÍK 1950, 1951, 1952, MERKL 2006, MROCZKOWSKI 1960). In this paper an updated checklist of the 49 Hungarian species of the family Dermestidae is presented. Three species are recorded from the country for the first time.

In the subsequent checklist species with no localities from present-day Hungary in KUTHY (1897), or not mentioned by him at all are followed by references. These are based on reliably identified specimens from Hungarian localities. Where no reference is given, KUTHY listed the species from localities

within the present borders of Hungary. In the case of eight well-known and really common species he gave general comments (“communis” or “frequens”) instead of exact localities – these statements are considered as being based partly on specimens from present-day Hungary.

Synonymy is restricted to names mentioned in the Hungarian literature. Subgenera are not indicated when only the nominal subgenus is represented in the Hungarian fauna. Hungarian names are proposed for all species and subfamilies.

Dermestes (Montandonia) latissimus BIELZ, 1850 was listed from Hungary by HÁVA (2003). This was based on KUTHY (1897) who reported it from various localities of Transsylvania and Banat – regions that are outside present-day Hungary. Occurrence of this montane species in Hungary is highly unlikely.

Dermestes (Dermestinus) kaszabi KALÍK, 1950 and *Globicornis corticalis* (EICHHOFF, 1863) were erroneously reported as new to Hungary by MERKL (2006). In fact these species were previously mentioned from Hungary by MROCKZKOWSKY (1960).

SPECIES NEW TO HUNGARY

Anthrenus (Nathrenus) signatus ERICHSON, 1846 – Somogy county: Barcs, Fáslegelő TVT [= Pasture Woodland Nature Conservation Area], 25.VI.1996, leg. ZIEGLER (one female, in the collection of J. HÁVA, Prague). Identified by J. HÁVA in 2003. – Although LOHSE (1976) already mentioned it from Hungary, this was based probably on KUTHY (1897) who reported it from “Fiume, Buccari”, which are Croatian localities (Rijeka and Bakar, respectively), outside present-day Hungary.

Attagenus silvaticus ZHANTIEV, 1976 – Borsod-Abaúj-Zemplén county: Aggteleki NP., Varbóc, Bokány-tető, *Cirsio-Festucetum pratensis*, fűhálózás [= sweep netting], 9.V.1989, leg. O. MERKL & Á. BARTOS (one female, in the Hungarian Natural History Museum, Budapest). Identified by J. HÁVA in 2007. – This specimen was previously misidentified and published as *Attagenus pellio* (LINNAEUS, 1758) by MERKL (1999). In the collection of the Hungarian Natural History Museum there is a male specimen with the following data: Ungvár [= now Uzhgorod in the Zakarpatye region of Ukraine], 1853, leg. F. VIDRA. So the species is new to Ukraine as well.

Globicornis (Globicornis) picta (KÜSTER, 1851) – Veszprém county: Pénzesgyőr, 22.VI.1999, leg. J. HÁVA (two females, in the collection of J. HÁVA, Prague). Identified by J. HÁVA in 2003.

CHECKLIST

Dermestidae LATREILLE, 1807 – Skin beetles – Porvafélék

Dermestinae LATREILLE, 1807 – Porvaformák

Dermestes LINNAEUS, 1758*Dermestinus* ZHANTIEV, 1967

Dermestes (Dermestinus) carnivorus FABRICIUS, 1775: JÁVOR (1969) – amerikai porva

Dermestes (Dermestinus) erichsoni GANGLBAUER, 1904 – sárgahasú porva
= *tessellatus* ERICHSON, 1846, not FABRICIUS, 1775

Dermestes (Dermestinus) frischii KUGELANN, 1792 – nyakszegélyes porva

Dermestes (Dermestinus) gyllenhalii gyllenhalii LAPORTE DE CASTELNAU, 1840 – ártéri porva
= *atomarius* ERICHSON, 1846

Dermestes (Dermestinus) intermedius intermedius KALÍK, 1951: KALÍK (1951) – pontusi porva
= *mustelinus* of authors, not ERICHSON, 1848

Dermestes (Dermestinus) kaszabi KALÍK, 1950: MROCZKOWSKI (1960) – Kaszab-porva

Dermestes (Dermestinus) laniarius laniarius ILLIGER, 1801 – gyászos porva

Dermestes (Dermestinus) maculatus DE GEER, 1774 – tüskés porva
= *vulpinus* FABRICIUS, 1781

Dermestes (Dermestinus) murinus LINNAEUS, 1758 – egérszínű porva

Dermestes (Dermestinus) undulatus BRAHM, 1790 – márványos porva

Dermestes (Dermestinus) szekessyi KALÍK, 1950: KALÍK (1950) – Székessy-porva

Dermestes LINNAEUS, 1758

Dermestes (Dermestes) ater DE GEER, 1774: MROCZKOWSKI (1960) – raktári porva
= *cadaverinus* FABRICIUS, 1775

Dermestes (Dermestes) bicolor bicolor FABRICIUS, 1781 – FÉSZEKLAJÓ PORVA

Dermestes (Dermestes) haemorrhoidalis KÜSTER, 1852: MERKL (2006) – pillásszélű porva

Dermestes (Dermestes) lardarius LINNAEUS, 1758 – szalonnaporva

Montandonia JACQUET, 1886

Dermestes (Montandonia) fuliginosus ROSSI, 1792 – feketeszőrű porva

Dermestes (Montandonia) olivieri LEPESME, 1939 – rőtiszőrű porva
= *ater* OLIVIER, 1790, not DE GEER, 1774

Orphilinae LECONTE, 1861 – Csupaszporvaformák

Orphilus ERICHSON, 1846

Orphilus niger (ROSSI, 1790) – közönséges csupaszporva

Trinodinae CASEY, 1900 – Szőrösporvaformák

Trinodes DEJEAN, 1821*Trinodes hirtus* (FABRICIUS, 1781) – közönséges szőrösporva

Megatominae CASEY, 1900 – Múzeumbogár-formák

Anthrenus O. F. MÜLLER, 1764*Anthrenus* O. F. MÜLLER, 1764*Anthrenus (Anthrenus) goliath* MULSANT et REY, 1867 – óriás-múzeumbogár*Anthrenus (Anthrenus) pimpinellae pimpinellae* FABRICIUS, 1775 – virágjáró múzeumbogár*Anthrenus (Anthrenus) scrophulariae albidus* BRULLÉ, 1832: MROCZKOWSKI (1960) – déli nagy múzeumbogár= *gravidus* KÜSTER, 1848= *proteus* KRAATZ, 1858= *senex* KRAATZ, 1858*Anthrenus (Anthrenus) scrophulariae scrophulariae* (LINNAEUS, 1758) – északi nagy múzeumbogár= *suecicus* PALM, 1940*Florilinus* MULSANT et REY, 1868*Anthrenus (Florilinus) museorum* (LINNAEUS, 1761) – közönséges múzeumbogár*Anthrenus (Florilinus) olgae* KALÍK, 1946: MROCZKOWSKI (1960) – kis múzeumbogár*Helocerus* MULSANT et REY, 1868*Anthrenus (Helocerus) fuscus* OLIVIER, 1789 – fakó múzeumbogár*Anthrenus (Helocerus) polonicus* MROCZKOWSKI, 1951: MROCZKOWSKI (1960) – lengyel múzeumbogár*Nathrenus* CASEY, 1900*Anthrenus (Nathrenus) signatus* ERICHSON, 1846: present paper – tarka múzeumbogár= *incanus* J. FRIVALDSZKY, 1882*Anthrenus (Nathrenus) verbasci* (LINNAEUS, 1767) – pusztító múzeumbogár*Attagenus* LATREILLE, 1802= *Lanorus* MULSANT et REY, 1868*Attagenus brunneus* FALDERMANN, 1835: CSIKI (1906) – barna szűcsbogár= *dalmatinus* KÜSTER, 1847= *marginicollis* HANDSCHUH in KÜSTER, 1874*Attagenus pellio* (LINNAEUS, 1758) – közönséges szűcsbogár*Attagenus punctatus* (SCOPOLI, 1772) – sokpettyes szűcsbogár= *vigintiguttatus* (FABRICIUS, 1775)*Attagenus schaefferi schaefferi* (HERBST, 1792): MROCZKOWSKI (1960) – fekete szűcsbogár

Attagenus silvaticus ZHANTIEV, 1976: present paper – erdei szűcsbogár
Attagenus unicolor unicolor (BRAHM, 1791) – gyapjúbogár
= *piceus* OLIVIER, 1790, not THOMSON, 1781

Ctesias STEPHENS, 1830

Ctesias serra (FABRICIUS, 1792) – nagycsápú kéregporva

Globicornis LATREILLE, 1829

Globicornis LATREILLE, 1829

Globicornis (Globicornis) nigripes (FABRICIUS, 1792) – kis kéregporva

Globicornis (Globicornis) picta (KÜSTER, 1851): present paper – foltos kéregporva

Hadrotoma ERICHSON, 1846

Globicornis (Hadrotoma) corticalis (EICHHOFF, 1863): MROCZKOWSKI (1960) – barnás kéregporva

Globicornis (Hadrotoma) emarginata (GYLLENHAL, 1808) – sötét kéregporva

= *marginata* PAYKULL, 1798, not THUNBERG, 1781

Megatoma HERBST, 1792

= *Asprogramme* DES GOZIS, 1886

Megatoma ruficornis AUBÉ, 1866: KALÍK (1952) – vöröscsápú porva

= *pici* KALÍK, 1952

Megatoma undata (LINNAEUS, 1758) – kétszalagos porva

Trogoderma DEJEAN, 1821

= *Entomotrogus* GANGLBAUER, 1904

Trogoderma glabrum (HERBST, 1783): KASZAB & SZÉKESY (1953) – fekete gabonaporva

= *nigrum* (HERBST, 1797)

Trogoderma granarium EVERT, 1898: JÁVOR (1969) – kapra-gabonaporva

Trogoderma inclusum LECONTE, 1854: MERKL (2006) – sárgacsápú gabonaporva

Trogoderma megatomoides REITTER, 1881 – háromszalagos gabonaporva

Trogoderma versicolor (CREUTZER, 1799) – tarka gabonaporva

Phradonoma JACQUELIN DU VAL, 1859

Phradonoma villosulum (DUFTSCHMID, 1825) – pusztai porva

Reesa BEAL, 1967*Reesa vespulae* (MILLIRON, 1939): MERKL (2006) – szűzporva

*

Acknowledgements – Studies of O. MERKL were supported by a Hungarian National R&D Programme (The origin and genesis of the fauna of the Carpathian Basin: diversity, biogeographical hotspots and nature conservation significance; project no: 3B023-0-4).

REFERENCES

- CSIKI, E. 1906: Csongrád vármegye bogárfaunája. [Beetle fauna of Csongrád county.] – *A Magyar Orvosok és Természetvizsgálók Vándorgyűlésének Munkálatai* **23**: 243–270.
- HÁVA, J. 2003: World Catalogue of the Dermestidae (Coleoptera). – *Studie a Zprávy Oblastního Muzea Praha-východ v Brandýse nad Labem a Staré Boleslavi*, Supplementum **1**: 1–196.
- JÁVOR, I. 1969: *Raktári kártevők*. [Stored product pests.] – Mezőgazdasági Kiadó, Budapest, 158 pp.
- KASZAB, Z. & SZÉKESY, V. 1953: Bátorliget bogár-faunája Coleoptera. [Beetle fauna of Bátorliget, Coleoptera]. – In: SZÉKESY, V. (ed.): *Bátorliget élővilága. (Die Tier- und Pflanzenwelt des Naturschutzgebietes von Bátorliget und seiner Umgebung.)* Akadémiai Kiadó, Budapest, pp. 194–285.
- KALÍK, V. 1950: Neue Dermestiden aus der paläarktischen Fauna (3. Beitrag). – *Folia entomologica hungarica (Series nova)* **3**: 61–66.
- KALÍK, V. 1951: Poznámky o některých formách kožojedů rodu Dermestes L. (Notes sur quelques especes et formes du genre Dermestes L.) – *Entomologické listy* **14**: 39–46.
- KALÍK, V. 1952: Neue Dermestiden aus der paläarktischen Fauna (5. Beitrag). – *Annales historico-naturales Musei nationalis hungarici (Series nova)* **2**: 75–77.
- KUTHY, D. 1897: Ordo. Coleoptera. – In: *A Magyar Birodalom Állatvilága (Fauna Regni Hungariae). III. Arthropoda. (Insecta. Coleoptera.)* Királyi Magyar Természettudományi Társulat, Budapest, 213 pp.
- LOHSE, G. A. 1976: 45. Familie: Dermestidae. – In: FREUDE, H., HARDE, K. W. & LOHSE, G. A. (eds): *Die Käfer Mitteleuropas*, 6. Goecke & Evers, Krefeld, pp. 304–327.
- MERKL, O. 1999: The species of 35 beetle families (Coleoptera) from the Aggtelek National Park. – In: MAHUNKA, S. (ed.): *The Fauna of the Aggtelek National Park, I.* Hungarian Natural History Museum, Budapest, pp. 185–200.
- MERKL, O. 2006: New beetle species in the Hungarian fauna (Coleoptera). – *Folia entomologica hungarica* **67**: 19–36.
- MROCKOWSKI, M. 1960: Data on the distribution of Dermestidae (Coleoptera) with special reference to the Hungarian fauna. – *Annales historico-naturales Musei nationalis hungarici* **52**: 247–253.